

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3"

KUCERA, M.

KUCERA, M.; MACKEROVA, M.

Comparison of properties of domestic glues, with a view of using them as substitute of gummi arabicum. Cesk. farm. 4 no.2:75-78 Mar 55.

L. 2 vyskumneho ustavu lecivych roslin v Praze.

(VNHIGLMS

glues, domestic as compared with gum Arabic)

KUCERA, M.; MACKEOVA, E.

Contribution to the presence and amount of chamasulene in solitary growing plants of the species *Achillea millefolium* L. Cesk. farm. 4 no.2:78-80 Mar 55.

1. Z vyskumneho ustavu lecivych roslin v Praze.

(PLANTS

Achillea millefolium L., presence & amount of chamasulene in solitary growing)

KUCERA, M.

Effect of late harvest of poppy on morphine content. Cesk.farm.
4 no.6:308-309 J1 '55.

1. Z Vyskumneho ustavu lecivych rostlin.

(PLANTS,

poppy, eff. of late harvest on morphine content)

(MORPHINE,

eff. of late harvest of poppy on morphine content)

KUCERA, M.

Laboratory evaluation of a simple apparatus for determination
of humidity. Cesk. farm. 4 no.9:456-458 Nov 55.

(HUMIDITY, determination,
appar. for pharm. use)

CZECH

✓The possibility of replacement of Acacia gum in sugar-coated tablets. M. Kudera and K. Majer (Vyskumovatelství Křivopolského rodu, Prague). *Formulas* 24, 61 (1955).
Acacia gum can be replaced in the prepn. of sugar-coated tablets by cherrytree gum. For this purpose hydrolysis is necessary as the gum is not sufficiently sol. in H_2O . One part of the gum has to be mixed with 9 parts of H_2O and autoclaved at 2.5 atm. for an hr. The colloidal soln. obtained can also be used as an emulsifier. Gum tragacanth can be used for the same purpose after hydrolysis. K. Blazek

Arzneipflanzen-Umschau, V. Band, 18, Folge.

"Semen Gleditschiae, ein neuer pharmazeutischer Rohstoff 1) ", By Von M. KUCERA, Prag, Institut für Heilpflanzenforschung. Submitted on Eingegangen am 12. Mai 1956.

1) Vortrag, gehalten anlässlich der Hauptversammlung und Vortragsstagung der Pharmazeutischen Gesellschaft in der DDR vom 10. bis 12. Mai 1956 in Erfurt.

SOURCE: Die Pharmazie, Sept. 1956, Unclassified.

"Pharmakognostische Untersuchungen an den prohamazulenogenhaltigen Pflanzen
Achillea millefolium L. und Artemisia absinthium L. , " by Von M. KUCERA, Institut für
Heilpflanzenforschung in Prag. Submitted for publication am 12. Mai 1956.

SOURCE: Die Pharmazie, Sept. 1956, Unclassified.

"APPROVED FOR RELEASE: 03/13/2001

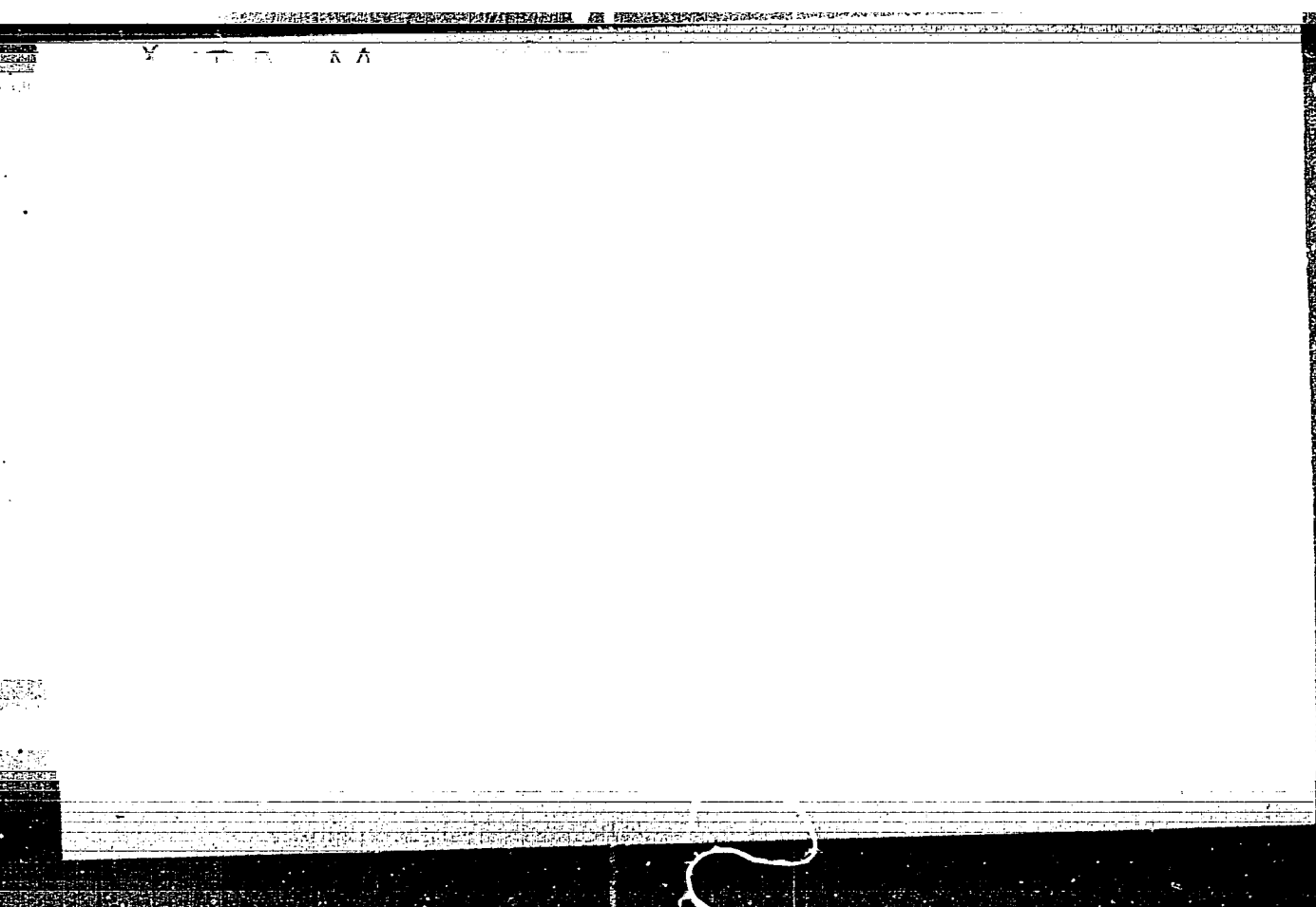
CIA-RDP86-00513R000827020018-3

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3"

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3"

KUCERA, M.
CZECHOSLOVAKIA/Chemical Technology - Chemical Products and H-17
Their Application. Medicinal Substances. Vitamins.
Antibiotics.

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58416
Author : Kucera, M.
Inst : -
Title : On the Question of the Evaluation of Vegetable Raw
Material Containing Resin.
Orig Pub : Ceskosl. farmac., 1956, 5, No 10, 596-598

Abstract : The influence was investigated of moisture, dryness and
temperature on four types of vegetable raw materials
which contain resin (I): the leaves and roots of Mallow
(Althaea) and the seed of flax and fenugreek. During
the evaluation, the coefficient of viscosity was deter-
mined according to the Czechoslovakian Pharmacopeia
(second edition). The author comes to the conclusion
that during the determination of the quality of the raw

Card 1/2

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and H-17
Their Application. Medicinal Substances.
Vitamins. Antibiotics.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000827020018-3"

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 58416

material containing I, one cannot derive an evaluation
only according to the coefficient of viscosity and
then on this basis, consider the raw material complete-
ly useful from a therapeutic and pharmacological point
of view. A high coefficient of viscosity was established
in several cases, but meanwhile the raw material posses-
sed high moisture and, judging by the odor, mold had al-
ready begun. It is necessary, seemingly, to take moist-
ure, quantity of ash and mold into account more quickly
than the coefficient of viscosity.

Card 2/2

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3"

POKORNY, Milos; KUCERA, Miloslav

Attempted pharmacological influence in epigastralgia in tractor operators. Pracovní lek. 12 no.6:286-291 J1 '60.

1. Interni odd. OUNZ v Susici, prednosta dr. M. Pokorny; Interni ambulatorium OUNZ-Horadovice, okresni internista dr. M. Kucera.

(ABDOMEN dis.)

(OCCUPATIONAL DISEASES ther.)

MELICHAROVA-MARKOVA, V.; VESELY, Z.; KUCERA, M.

Antimicrobial properties of benzylisothiocyanate, the active principle of Urogran Spofa. Cesk. farm. 11 no.5:252-255 Je '62.

1. Vyzkumny ustav prirodnich leziv, Praha (reditel dr. Z. Cekan).

(THIOCYANATES pharmacol)

KUCERA, M.

Hypericum perforatum L. III. Study of a suitable method for
preserving Hypericum perforatum L. herb. Cesk. farm. 13 no.2:
68-69 F'64.

1. Vyzkumny ustav prirodnich leci, Praha.

*

KUCERA, M.

Preservation of crude vegetable drugs. I. Preservation by drying in the sun. Cesk. farm. 13 no.4:192-196 My'64

Preservation of vegetable drugs by drying. II. Preservation by drying with the use of infrared rays. Ibid. 196-199

1. Vyzkumny ustav prirodnich leciv, Praha.

KUCERA, M.

Preservation of crude plant drugs. III. Preservation by silage.
Česk. farm. 13 no.6:321-323 J1'64

1. Vyskumny ustav prirodnich leciv, Praha.

SEARY, P., dr. inž. CSc., (Praha-Hloubetin, P. Elektry E; H. CIA, H.

Content and interrelation of lanatosides in *Digitalis lanata*
Ehrh. ssp. *lanata* during the development. Cesk. farm. 14 no.8:
394-397 0 '65.

1. Vyznamny ustav prirodnich leziv, Praha. Submitted May 24, 1965.

KOTAL, L., Plzen, Sedlackova 12; KUCERA, M.

The point system in the prevention of thromboembolic diseases in obstetrics. Cesk. gynek. 30 no.9:674-678 N '65.

1. Gyn.-por. klinika (prednosta prof. dr. V. Mikolas) a interni klinika (prednosta prof. dr. K. Bobek [deceased]) lekarske fakulty Karlove University v Plzni.

KUCERA, Milos

Survey of the methods of determining proteolytic enzymes.
Prum potravin 15 no. 6:297-299 Je '64.

1. Central Research Institute of Food Industry, Prague.

SIDAK, Zdenek, inz.; KUCERA, Miloslav, MUDr.; PRAZAK, Milan, MUDr.;
ZEMAN, Bronislav, MUDr.

A miniature cardiostimulator. Sdel tech 9 no.11:414-416 N '61.

KUCERA, MILOSLAV
CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Application. Synthetic Polymers. Plastics.

H-29

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59252
Author : Kucera Miloslav
Inst :
Title : Measurement of the Activity of Vinylacetate.
Orig Pub : Chcm. prumysl, 1956, 6, No 4, 149-152

Abstract : The dilatometric method and instrument for the evaluation of the activity of vinylacetate (I), according to the absolute magnitude of the contraction, is described. Into the dilatometer is poured 20 ml of a mixture of 20 g of I, 0.02 g of peroxide of benzoyl and 4 g of cryoscopic benzol, immersed into a bath, heated to 71.5 - 0.1°, and the contraction is measured in ml during the 60 minutes after the first reading, which is made after 5 minutes of soaking in the bath. It was established that the samples of technological I of similar composition

Card 1/2

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Synthetic Polymers. Plastics.

H-29

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000827020018-3

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59252

often differ according to their activity by 20%; the minimally-accepted activity of I must be 0.6 ml (conversion corresponds to 16.8%). It is shown that during storage of I in the presence of air, its activity grows even in darkness and during low temperatures (thus, for 15 days, the activity of extractions of a sample of I at 20° grew from 0.72 to 0.98 ml). The determination of the activity of I is presented as an additional method of inspection (along with chemical analysis) of the quality of the monomer.

Card 2/2

CZECHOSLOVAKIA/Chemistry of High-Molecular Substances.

I.

Abs Jour : Ref Zhur - Khiniya, No 9, 1958, 31263

Author : Kucera, M.

Inst : -

Title : The Effect of Some Accelerators on the Emulsion Polymerization of Vinyl Chloride Initiated by Redox Systems.

Orig Pub : Chem Prumysl, 7, No 8, 443-447, 1957, (in Czech with summaries in German, English, French, and Russian)

Abstract : The kinetics of the emulsion polymerization of vinyl chloride initiated by the following redox systems have been investigated: $K_2S_2O_8-FeSO_4$, $K_2S_2O_8-Na_2SO_4$, and $K_2S_2O_8-N_2H_4 \cdot H_2SO_4$. Overall reaction rate constants were measured at 20-40° and the activation energies were calculated. The activation energy is independent of the initiator concentration. Very high polymerization rates

Card 1/2

62

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3"

CZECHOSLOVAKIA/Chemistry of High-Molecular Substances.

I.

Abs Jour : Ref Zhur - Khiniya, No 9, 1958, 31263

were observed with the system $K_2S_2O_8-FeSO_4$.

Card 2/2

Kučera, Milošlav

CZECHOSLOVAKIA/Chemistry of High Molecular Substances.

I

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34965.

Author : Milošlav Kučera.

Inst : Not given.

Title : Emulsion Copolymerization of Vinyl Chloride and Vinyl Acetate. Effect of Ratio of Reaction Components on Molecular Weight of Copolymer and General Reaction Rate.

Orig Pub: Chem. průmysl, 1957, 7, No 10, 561-564.

Abstract: The effect of the ratio of vinyl chloride (I) to vinyl acetate (II) on the general reaction rate and the copolymer molecular weight was studied. The general reaction rate and the copolymer molecular weight drop with the rise of the II content in the reaction mixture. The energy of the polymerization activation of I is

Card : 1/2

CZECHOSLOVAKIA/Chemistry of High Molecular Substances.

I

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34965.

9.5 kcal per mole in the case of the initiating system K - hydrazine persulfate. The activation energy of the copolymerization of I and II is 15.1 kcal per mole. The Cl content in the copolymer determined experimentally is less than it should be according to the theory. The copolymerization is probably accompanied by splitting off of HCl.

Card : 2/2

23

KUCERA, M.

Distr: 4E2c(j)/4E3d/4E3b

✓ Polymerization of low-molecular cyclic polysiloxanes.
Miloslav Kučera and Milan Jellinek. Czech. 89,809,
Apr. 15, 1959. Ground KNPh_2 (0.005-0.5 g.) in 5 g.
octamethylcyclotetrasiloxane (I) is added to 45 g. I, and
the mixt. is stirred and heated to 100-70° for from 2 to

24 hrs. to give a linear poly(dimethyl siloxane) of favorable
properties.
V. Kratochvíl

3
1-515 (VA)
3

KUDERA, M.

Distr: 4E2c(j)/4E3b/4E3d 7

✓ Removing catalyst residues in polysiloxanes. Miloslav
Kudera and Milan Jelínek. Czech. 92,193, Oct. 15, 1960.
A linear polysiloxane obtained by alk. polymerization is
dissolved in a 4-fold vol. of toluene satd. with hydroquinone.
The polymer is pptd. by MeOH contg. 0.1% hydroquinone.
PhOH or pyrogallol can be used instead of hydroquinone.
V. Kratochvílová

3
1-JAT(N)
3

1-9205

39448

S/081/62/000/012/060/063
B158/B101

AUTHOR: Kučera, Miloslav

TITLE: Procedure for rendering harmless catalyst residues in a
siloxane polymer

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 12, 1962, 617-618
abstract 12P318 (Czechoslovak Patent 94883, April 15, 1960) f

TEXT: Polysiloxane, obtained with acid catalysts, is added to
polysiloxane prepared with an alkaline catalyst. At an equivalent
content of alkali and acids at 100-200°C mutual neutralization of the
end groups of the polysiloxanes occurs. In order that the molecular
weight of the rubber does not alter substantially after neutralization,
one of the polymers is taken with a low molecular weight.
[Abstracter's note: Complete translation.]

Card 1/1

86329

15.8116

2209

S/190/60/002/012/017/019
B017/B078

AUTHORS: Kučera, M., Jelínek, M.

TITLE: Chain Transfer in the Anionic Polymerization of
Octamethylcyclotetrasiloxane

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 12,
pp. 1860 - 1869

TEXT: The factors which determine the molecular weight of polydimethyl-
siloxane obtained by polymerization were investigated. The degree of
polymerization of polydimethylsiloxane depends upon the concentration of
the polymerization catalyst, the concentration of the carrier of active
centers, and the ability of the end groups of the macromolecules to con-
densate with the end groups of other chains. The temperature of polymeri-
zation is of secondary importance. The dependence of the degree of poly-
merization of polydimethylsiloxane on the KOH concentration is illustrat-
ed in Table 1. The carriers of active centers may act as both bases and
acids. The following compounds have been used as carriers of active
centers for polymerization: diphenylamine, benzyl alcohol, and hexamethyl

Card 1/3

86329

Chain Transfer in the Anionic Polymerization of Octamethylcyclotetrasiloxane S/190/60/002/012/017/019
B017/B078

disiloxane. The molecular weight of polydimethylsiloxanes are shown in Tables 2,3, and 4 as a function of various concentrations of the carriers. The concentration of the macromolecule and the conversion decrease in time. The viscosity decrease of two different polysiloxanes with a rise of temperature is shown in Fig.3. The dependence of the molecular weight \bar{P}_n of polydimethylsiloxanes upon the concentration C of the catalyst is of hyperbolic character, and is represented by the equation

$\bar{P}_n = 58.2/[C]^{3/4} + 170$. The dependence of $1/\bar{P}_n$ on $[X]$ (concentration of the chain carrier) is linear. For the medium degree of polymerization \bar{P}_n in the presence of a carrier, the following equation is given:

$$\bar{P}_n = \alpha \frac{[M_0] - [M]}{[C] + \sum_k k_k [X]_k}, \text{ where } \alpha \text{ is a coefficient expressing the character}$$

of the end group of the individual macromolecules of polydimethylsiloxane and its capacity of condensation. There are 6 figures, 5 tables,

Card 2/3

86329

Chain Transfer in the Anionic Polymerization of Octamethylcyclotetrasiloxane S/190/60/002/012/017/019
B017/B078

and 8 references: 1 Soviet, 3 US, 3 Czechoslovakian, and 1 German.

ASSOCIATION: Nauchno-issledovatel'skiy institut makromolekulyarnoy
khimii g. Brno (Scientific Research Institute of Macro-
molecular Chemistry, Brno)

SUBMITTED: June 15, 1960

Card 3/3

Distr: 4E2c(j)/4E3d

Polymerization of octamethylcyclotetrasiloxane by strong bases. I. Study of the reaction mechanism. M. Kučera and M. Jelinek (Výzkumný ústav makromol. chem., Brno, Czech.). *Collection Czechoslov. Chem. Commun.* 25, 530-46 (1960) (in Russian).—The effect of water, alcoh., phenols, and aromatic amines on the rate of polymerization of the title compd. (I) catalyzed by KOH was studied. A qual. relation between the relative basicity of these compds. and mol. wt. of the polymer obtained was found. Mol. wt. of the polymer is temp.-independent and with pure I is a function of the concn. of KOH only. A reaction scheme with living anionic reaction centers was proposed. The reaction is an equil. one with the equil. concn. 84% of I at 160°. II. Study of the reaction kinetics. M. Kučera. *Ibid.* 547-62 (in Russian).—Kinetics of polymerization of I catalyzed by KOH was measured at 110-70° by a dilatometric method. Contrary to Grubb (C.A. 50, 2263g) the reaction is not of 1st order in the vol. fraction of I and the following empirical equation is suggested: $-d[M]/dt = c_1(M)^{1/2} - c_2$, where c_1 and c_2 are const. and (M) is the concn. of I. J. Reed—

1
1949 (NA)
2

34

S/661/61/000/005/043/081
D244/D302

AUTHOR: Kuchera, H.

TITLE: Alkaline polymerization of octamethyl cyclotetrasiloxane

SOURCE: Khimiya i prakticheskoye primeneniye kremneorganicheskikh soedineniy; trudy konferentsii. No. 3: Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt. prim. kremneorg. soyed., Len. 1958. Leningrad, Izd-vo, AN SSSR, 1961, 194-203

TEXT: The aim of the author's work was to obtain more detailed data on the character of the active center in the tetramer (octamethyl cyclotetrasiloxane) polymerization and to find a reaction scheme that would correspond better to the actual polymerization process. The method and materials used were described by the author previously. The polymerization was conducted in nitrobenzene, toluene and hydrogenated kerosene. The catalyst used was KOH. It was found that the following equation applies to the tetramerization in a medium with a higher dielectric constant than that of the tetramer: ✓

Card 1/4

Alkaline polymerization of ...

S/661/61/000/006/043/081
D244/D302

$$\frac{-d[M]}{dt} = c_1 [M]^{1/2} - c_2 \quad (1)$$

where M is the concentration of monomer at the moment t and c_1 and c_2 are constants depending on temperature. The dependence of the reaction rate on the square root of tetramer concentration indicated that the active center is formed by the group $\sim \overset{\overset{O^-}{\parallel}}{O} - K^+$. The separation of cation was caused by the ionization of the relatively stable

structure $K^+ \sim O - Si \begin{matrix} \nearrow O^- \\ \searrow O^- \end{matrix}$ which formed by the union of the

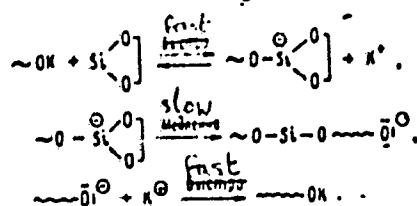
active center and the active center and the siloxane bond. The rate at which the union formed and the ionization that followed, was

Card 2/4

Alkaline polymerization of ...

S/661/61/000/006/043/081
D244/D302

much higher than the rate of decomposition of the intermediate compound formed which determined the reaction velocity. The author postulated that the polymerization with the aid of alkalis proceeds according to the following scheme:



It was shown that the temperature variation between 70 and 120°C does not influence the molecular weight of the polymer. A discussion followed in which S. N. Borisov and I. K. Stavitskiy (both of VNIISK, Leningrad) took part. There are 10 figures, 2 tables and 4 references: 2 Soviet-bloc and 2 non-Soviet-bloc. The references to

Card 3/4

Alkaline polymerization of ...

S/661/61/000/006/043/081
D244/D302

the English-language publications read as follows: W. T. Grubb and
B. J. Osthoff, J. Am. Chem. Soc., 77, (1955), 1405; D. T. Hurd, R.
C. Osthoff and W. E. Cassin, J. Am. Chem. Soc., 76, (1954), 249.

ASSOCIATION: Nauchno-issledovatel'skiy institut vysokomolekulyar-
noy khimii, Brno (Scientific Research Institute of
Polymer Chemistry, Brno)

✓

Card 4/4

S/081/62/000/021/056/069
B160/B186

AUTHORS: Láňková, Jiřina, Kučera, Miloslav, Jelínek, Milan

TITLE: Method of stabilizing polysiloxane

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 476-477
abstract 21P263 (Czech. patent 99408, Apr. 15, 1961)

TEXT: A method is patented for increasing the thermal stability of polysiloxanes by using additives (0.01-5% by weight) - powdered amphoteric hydroxides, particularly those that have been partially dehydrated, e. g. $\text{AlO}(\text{OH})$ or $\text{FeO}(\text{OH})$ (empirical formulas). Polydimethyl siloxane stabilized with $\text{Al}(\text{OH})_3$ shows no degradation after 48 hours of heating at 270°C in air. [Abstracter's note: Complete translation.]

Card 1/1

L 12430-63

EPR/EWP(j)/EPF(c)/EWT(m)/BDS AFFTC/ASD/ESD-3 Ps-L/

Pc-L/Pr-L RM/WW

ACCESSION NR: AP3001170

S/0190/63/005/006/0938/0945

79

AUTHOR: Kuchera, M.

78

TITLE: Polymerization of some vinyl isomers initiated by complexes of potassium silanolates with Lewis bases

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 5, no. 6, 1963, 938-945

TOPIC TAGS: polymerization, vinyl isomers, potassium silanolate, diphenylamine, methylmethacrylate, styrene, anisole

ABSTRACT: In earlier publications the authors investigated the mechanism and kinetics of the polymerization of low-molecular polysiloxanes by the silanolate group Si-OK and its capacity to form complexes with Lewis bases. Most of the present paper is devoted to a continuation of this study, which used octamethylcyclotetrasiloxane as the issuing material, reacting it with anisole and diphenylamine. It was found that the rate of the resulting polymerization depended largely on the reaction temperature and the concentration of diphenylamine, a maximum molecular weight of 625 having been obtained at 165°C. The obtained polymer was subsequently used as a polymerization initiator of methylmethacrylate, styrene, vinyl acetate, acrylonitrile, and vinylchloride, producing polymers of molecular

Card 1/2

L 12430-63

ACCESSION NR: AP3001170

weight up to 3460 and a melting point up to 290C. It was found that the polymerization proceeds at a very slow rate. Orig. art. has: 3 formulas, 5 charts, and 4 tables.

ASSOCIATION: Nauchno-issledovatel'skiy institut macromolekulyarnoy khimii Brno, Czechoslovakia (Scientific Research Institute of Molecular Chemistry)

SUBMITTED: 22Oct62

DATE ACQ: 01Jul63

ENCL: 00

SUB CODE: 00

NO REF SOV: 002

OTHER: 005

Card 2/2

KUCHERA, M. [Kucera, M.]; PIKHLER, Yu. [Pichler, J.]

Kinetics of dioxolane polymerization. Vysokom.sped. 7 no.1:2 9
Ja '65.

Polymerization of dioxolane at various temperatures. Ibid. 10-15
(MIRA 18:5)

1. Institut makromolekulyarnoy khimii, Czechoslovakia, Brno.

CZECHOSLOVAKIA

KRAL, A.; KUCERA, M.; LAJNEROVA, H.; Institute of Physiology of Domestic Animals (Ustav Fysiologie Hospodarskych Zvirat) AF [Ab-
breviation not explained], College of Agriculture (VSZ), Brno.

"Weight Changes in the Digestive Tract of Chickens of a Laying
Breed and a Slaughter Breed Between Birth and the Age of 60 Days."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 382

Abstract: The Leghorn and the Plymouth breeds were compared. The
body weight doubling is much quicker in the Plymouth than in the
Leghorn breed. The rate of growth of individual body organs is
different and specific for each organ. The rate of growth change
during the investigated period; it had an overall tendency to
slow down. 2 Czech references. Submitted at 3 Days of Phys-
iology of Domestic Animals at Liblice, 9 Dec 65.

1/1

- 102 -

Congenital Defects and Diseases

CZECHOSLOVAKIA

UDC 616.007.1(576.356.4)-053.3

GOSTOF, R.; KUCEROVA, M.; DANECKOVA, I.; RUMLOVA, E.; Pediatric Department, Hospital (Detske Oddeleni Nemocnice) Prague 8 - Bulovka, Head (Vedouci) Docent Dr R. GOSTOF; Institute of Experimental Biology and Genetics, Czechoslovak Academy of Sciences (Ustav Experimentalni Biologie a Genetiky CSAV), Prague, Director (Reditel) Docent Dr M. HASEK; Department of Pediatric Surgery, Hospital (Oddeleni Detske Chirurgie Nemocnice), Prague 8 - Bulovka, Head (Vedouci) Dr F. FOJTIK.

"Mosaicism 46/47 with Trisomia 17-18."

Prague, Casopis Lekaru Ceskych, Vol 105, No 44, 4 Nov 66, pp 1205 - 1208

Abstract /Authors' English summary modified 7: A case of a 5 day old old girl with 46/47 mosaic and 17-18 trisomia is described. Apart from anomalies and signs observed in the past in cases of trisomia 17-18, the patient suffered also from stenosis of the esophagus and cardia, hiatus hernia, duplicate of the gastric wall with an orifice of an accessory pancreatic tail, and pylorostenosis. The absence of some cardiac changes in the syndrome indicates a case of mosaic and latent trisomia 17-18. 4 Figures, 3 Tables, 16 Western references. (Manuscript rec. Mar 66).

1/1

KUCERA, M.

~~Miroslav K.~~
CZECHOSLOVAKIA/Synthetic Polymers, Plastics.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66031

Author : ~~Kucera Miroslav~~

Inst : -

Title : Some Glass Fiber Products Used in the Production of Plastics.

Orig Pub : Sklar a keramik, 1957, 7, No 9, 262-265.

Abstract : In Czechoslovakia, problems of the production of rove have been successfully decided. Together with polyester resin, it can be used with success for the manufacture of fishing rods, rods, various pipes, poles, masts and several types of molded profiles. From vitrous rove, 7 types of fabrics have been obtained.

Card 1/1

42

KUCERA, Miroslav, inz., ČSo.

"Physicochemical properties of glass fiber" by A.F.Zak. Reviewed by Miroslav Kucera. Sklar a keramik 13 no.9:256 9'63.

KUCERA, Miroslav, inz.
APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000827020018-3"

Operational conditions of agricultural aircraft with regard to their service life. Letecký obzor 7 no.10:300-301 0 '63.

SPOUSTA, Eduard; KUCERA, Miloslav

Polymerization of trioxane. Pt.2. Chem prum 15 no.1:37-39
Ja '65.

1. Research Institute of Macromolecular Chemistry, Brno.

BEDRNA, Jan; KUCMRA, Miloslav

Experience with pericardectomy in constrictive pericarditis. Cas.
lek.cesk. 91 no.45-46:1273-1281 14 Nov 52.

1. Z chirurgické a interní kliniky VIA v Hradci Králové.
(PERICARDITIS, ADHESIVE,
constrictive, surg.)

KUBAT, K., Doc.; SRB, V., Dr.; KUCERA, M.

Infant and neonatal mortality in Czechoslovakia in 1955.
Cesk. pediat. 11 no.10:776-781 Oct 56.

1. UPMD, Praha-Podoli, Statni urad statistikcy, Praha.
(INFANT MORTALITY
in Czech. in 1955 (Cs))

A H C L N H, MIROSLAV

DIJHOS, Max.; KUCERA, Miroslav

Studies on focal infection; histological findings on tonsils and their comparison with clinical findings. Cesk. otolar 8 no.2:85-88 Apr 59.

1. Ustav patologické anatomie MU v Brně, přednosta katedry prof. dr. J. Svejda Ušní, nosní a krční oddělení Krajské dětské nemocnice v Brně, primář MUDr. M. Kucera.

(TONSILLITIS, pathol.

tonsil histol., comparison with clin. data (Cz))

KUCERA, M.; TEYSCHL, O.

Relation of the origin and course of otitis in children to the reactivity of the organism. Cesk. otolar. 8 no.4:186-188 Aug 59.

1. Oddeleni pro nemoci usni, nosni a krcni a oddeleni biochemicke Krajske detske nemocnice v Brne, primar MUDr M. Kucera, primar MUDr. O. Teychl.

(OTITIS MEDIA, in inf. & child)

KUCERA, Miroslav

Experience with 52 tracheotomies in children. Cesk. pediat. 14
no.11:1031-1036 November 59.

1. Usni, nosni a kroni oddeleni krajske detske nemocnice v Brne,
primar MUDr. Miroslav Kucera.
(TRACHEA, surg.)

KUCERA, M.; HONSIG, K.

Fractures of the nasal bone in children. Cesk. otolar. 9 no.3:
169-171 Je 1960.

1. Krajska detska nemocnice u Brne, oddeleni usni, nosni a krcni,
primar MUDr. Miroslav Kucera.
(NOSN fract. & disloc.)

JANEK, J.; KUCERA, M.K.

Experiences with tonsilectomy in osteoarticular tuberculosis. Acta.
chir. orthop. traum. cech. 18 no.10:321-324 1951. (CML 21:5)

1. Of the Orthopedic Department and of the Othorhinolaryngological
Department (Head--Miroslav Kucera, M.D.) of the State District
Hospital in Brno-Cerna Pole (Head--Jaromir Janeka, M.D.).

KUCERA, M.

Treatment of the source of rheumatism; tonsillectomy and adenotomy.
Lek. listy, Brno 7 no.24:597-599 15 Dec 1952. (CLML 23:4)

1. Of the Ear, Nose and Throat Department (Head--Miroslav Kucera, M.D.)
of Brno District Pediatric Hospital.

KUCERA Miroslav, MUDr.; ZEMANEK, Richard, MUDr.

Recurrence of adenoid vegetation. Cas. lek. cesk. 91 no.4:
112-114 25 Jan 52.

1. Z ušního, nosního a krčního oddělení st. oblastní dětské
nemocnice v Brně. Primář MUDr Miroslav Kucera. Z roentgenologického
oddělení st. oblastní dětské nemocnice v Brně. Primář MUDr.
Richard Zemanek.

(NASOPHARYNX, diseases

adenoid vegetation, recur. after adenoidectomy,
radiother.)

KUCERA, Miroslav, MUDr; ZEMANEK, Richard, MUDr

Liquorrhea of the cerebrospinal fluid following paracentesis.
Lek. listy, Brno 9 no.22:510-512 15 Nov 54.

1. Ušní, nosní a krční oddelení Krajské detske nemocnice v Brně.
Primar MUDr Miroslav Kucera (for Kucera) 2. Rentgenologické
oddelení Krajské detske nemocnice v Brně, Primar MUDr Richard
Zemanek (for Zemanek)

(CEREBROSPINAL FLUID,
otorrhea after tympanic paracentesis in inf.)
(EAR, MIDDLE, surgery,
paracentesis causing otorrhea in inf.)
(PUNCTURES,
tympanic paracentesis causing otorrhea in inf.)

KUCERA, Miroslav, MUDr

Paracentesis and trepanation in infants. Lek. listy, Brno 9

no.24:556-558 15 Dec 54.

(SURGERY, OPERATIVE, in infant and child
paracentesis and trepanation in inf.)

KUCERA, Mirosl.

LICHTENBERG, Jar.; KUCERA, Mirosl.; VOKOUN, Jos.

Experimental studies on shock. Studies on investigation on the effect of surgical shock on cerebral circulation. Cas.lek.cesk. 93 no.27:737-742. J1 '54.

1. Klinická nemocnice VLA, Hrádec Kralove.
(BRAIN, blood supply;
*eff. of exper. shock)
(SHOCK, experimental,
*eff. on cerebral circ.)

KUCERA, Miroslav, MUDr.

~~Aberrant salivary glands. Cesk. otolar. 4 no.2:116-117~~
Aberrant salivary glands. Cesk. otolar. 4 no.2:116-117
May 55.

1. Krajska detska nemocnice v Brne, oddeleni pro nemoci
usni, nosni a krcni. primar MUDr. Miroslav Kucera.

(SALIVARY GLANDS, abnormalities

aberrant)

(ABNORMALITIES

salivary gland, aberrant)

KUCERA, Miroslav, MUDr.

Nose and mouth breathing. Cas. lek. česk. 94 no.22:
598-599 27 May 55.

1. Usni, nosni a krcni oddeleni Krajske detske nemocnice v
Brne, primar MUDr. Mir. Kucera.

(RESPIRATION

breathing, nasal and oral, physiol. & pathol.)

KUCERA, Miroslav, MUDr.

Cleft tongue and palate. Cesk. otolar. 5 no.1:54-55 Feb 56.

1. Oddeleni usni, nosni a krcni Krajske detske nemocnice v Brne,
primar MUDr. M. Kucera.

(CLEFT PALATE, compl.

cleft tongue in inf. (Cs))

(TONGUE, abnorm.

cleft tongue with cleft palate in inf. (Cs))

(ABNORMALITIES,

cleft tongue with cleft palate in inf. (Cs))

KUCERA, Miroslav, MUDr.

Osteomyelitis of the jaw in children. Cesk. pediat. 11 no.
4:272-277 Apr 56.

1. Krajska detska nemocnice v Brne, Cernych Polich, usni,
nosni a krcni oddeleni, prednosta primar MUDr. Miroslav
Kucera.

(OSTEOMYELITIS,
jaw, in child. (Cs))
(JAWS, diseases,
osteomyelitis in child. (Cs))

4000000000
KUCERA, Miroslav, MUDr.

3 Cases of Malherb's epithelioma. Cesk. otolar. 7 no.1:14-17 Feb 58.

1. Oddeleni usni, nosni a kreni Krajske detske nemocnice v Brne,
primar MUDr Miroslav Kucera.

(CYSTS, case reports

Malherb's spithelioma (Cs))

VRAHEC, Radko; KUCERA, Miroslav

Injuries of the tissue by radiations and their surgical therapy.
Acta chir. orthop. traum. cech. 26 no.4:339-343 Aug 59.

1. Klinika plasticke chirurgie v Praze, prednosta akademik Fr. Burian.
(RADIATION INJURY, surg.)

KUCERA, M.; PARMA, R.

A contribution to the etiology and therapy of papillomatosis of the larynx in childhood. Cesk. otolar. 10 no.5:285-292 0 '61.

1. Usni, nosni a kreni oddeleni Krajske detske nemocnice v Brne, prednosta prim. MUDr. Miroslav Kucera. Farmakologicky ustav lebarske fakulty v Brne, prednosta MUDr. Josef Sajner, C. Sc.

(LARYNX neoplasms) (POLYPI in inf. & child.)

KUCERA, Miroslav

A case of meningocele through the frontal sinuses. Cesk. otolar. 10
no.6:367-369 D '61.

1. Usni, nosni a kroni oddeleni Krajske detske nemocnice v Brne, primar
MUDr. M. Kucera.

(ENCEPHALOCELE case reports)
(FRONTAL SINUS diseases)

KUCERA, Miroslav

Parotid sarcoma. Cesk. pediat. 16 no.6:528-529 Je '61.

1. Usni, nosni a kreni oddeleni Krajske detske nemocnice v Brne,
primar MUDr. Miroslav Kucera.

(PAROTID GLAND neoplasms) (SARCOMA in infancy & childhood)

KUCERA, M.; DLUHOS, M.

Ganglioneuroma of the cervical sympathetic nervous system. A contribution to the differential diagnosis of tuberculous lymphoma. Cesk. pediat. 16 no.12:1094-1096 D '61.

1. Kroni, usni, nosni oddeleni Krajske detske nemocnice v Brne, prednosta MUDr. M. Kucera II patologicko-anatomicky ustav lek. fak. univ. J. E. Purkyně v Brne, prednosta prof. MUDr. M. Dluhos.

(TUBERCULOSIS LYMPH NODE diagnosis)
(GANGLIONEUROMA diagnosis)
(SYMPATHETIC NERVOUS SYSTEM neoplasms)

KUCERA, Miroslav; PLCH, Josef

Esophageal strictures. Cesk. otolaryn. 11 no.4:193-199 Ag '62.

1. Usni, nosni a krcni oddeleni Krajske detske nemocnice v Brne,
prednosta dr. M. Kucera Usni, nosni a krcni odd. II. mestske
nemocnice v Brne, prednosta dr. J. Plch.
(ESOPHAGEAL STENOSIS) (BURNS CHEMICAL)

KUCERA, M.

Esophageal varices. Česk. otolar. 11 no.5:282-287 '62.

1. Usní, nosní a krcní oddelení Krajské detske nemocnice v Brne,
predn. MUDr. M. Kucera.
(ESOPHAGEAL VARICES)

KUCERA, M.

Nonesophageal diseases in the esophagoscopic picture. Cesk. otolaryng.
11 no.6:367-368 D '62.

(ESOPHAGOSCOPY)

KOLAR, J.; BEK, V.; VRABEC, R.; MARESOVA, J.; SCHWANK, R.; SEDLACEK, J.;
KUCERA, M.

Roentgen findings in angioma and other vascular abnormalities. Cesk.
rentgen 16no.6:380-394 D '62.

1. Radiologicka klinika fakulty vseobecneho lekarstvi Karlovy university
v Praze, prednosta prof. dr. V. Svab, DrSc. Klinika plasticke chirurgie
hygienicke fakulty Karlovy university v Praze, prednosta akademik
F. Burain II. dermatovenerologicka klinika fakulty vseobecneho lekarstvi
Karlovy university v Praze, prednosta prof. dr. J. Obrtel.
(HEMANGIOMA) (ANGIOMATOSIS)

KUCERA, M.

Role of the respiration through the nose in preventing faulty posture, kyphosis and scoliosis. Acta chir. orthop. trauma. Cech. 29 no.1:31-32 F '62.

1. Krajska detska nemocnice v Brne, otolaryngologicke oddeleni, prednosta MUDr. M. Kucera.

(RESPIRATION) (POSTURE in inf & child)
(KYPHOSIS prev & control) (SCOLIOSIS prev & control)

KOLAR, J.; BEK, V.; VRABEC, R.; MARESOVA, J.; SCHWANK, R.;
SEDLACEK, J.; KUCERA, M.

X-ray findings in angiomas and other vascular malformations.
Rev czech med 9 no. 2:103-125 '63.

1. Radiological Clinic (Director: Prof. V. Svab, M.D., Sc.)
Second Dermatological Clinic (Director: Prof. K. Obrtel,
M.D., D. Sc.) Faculty of General Medicine and Clinic of
Plastic Surgery (Director: Academician F. Burian),
Medical Faculty of Hygiene, Charles University, Prague.
(HEMANGIOMA) (SKIN NEOPLASMS) (ABNORMALITIES)
(RADIOGRAPHY) (VASCULAR DISEASES)

DLUHOS, M.; KUCERA, M.

Ear polyps. Cesk. otolaryng. 12 no.1:20-25 F '63.

1. II. patologickoanatomicky ustav lekarske fakulty UJEP v Brne,
prednosta prof. dr M. Dluhos, Usni, nosni a krcni oddeleni krajske
detske nemocnice v Brne, prednosta MUDr. M. Kucera.
(OTITIS MEDIA) (EAR MIDDLE) (POLYPI)

BEK, V.; KOLAR, J.; KUCERA, M.; SEDLACEK, J.; VRABEC, R.; SCHWANK, R.;
MARESOVA, J.

On the problem of the biological behavior and spontaneous
involution of hemangioma in children. Cesk. pediat. 18 no.7:
605-612 JI '63.

1. Radiologicka klinika fakulty vseobecneho lekarstvi KU v
Praze, prednosta prof. dr. V. Svab, DrSc.; Klinika plasticke
chirurgie lekarske fakulty hygienicke KU v Praze, prednosta
prof. dr. V. Karfik II dermato-venerologicka klinika fakulty
vseobecneho lekarstvi KU v Praze, prednosta prof. dr. J. Obrtel,
DrSc.

(HEMANGIOMA) (NEOPLASM REGRESSION, SPONTANEOUS)

BEK, V.; KOLAR, J.; VRABEC, R.; SEDLACEK, J.; KUCERA, M.;
SCHWANK, R.; MARESOVA, J.; TRAPL, J.

Clinical importance and therapeutic principles of hemangioma
in childhood. Cesk. pediat. 18 no.9:798-809 S '63.

1. Radiologicka klinika fakulty vseobecneho lekarstvi KU v
Praze, prednosta prof. dr. V. Svab, DrSc. Klinika plasticke
chirurgie lekarske fakulty hygienicke KU v Praze, prednosta
prof. dr. V. Karfik, DrSc. II kozni klinika fakulty vseobecneho
lekarstvi KU v Praze, prednosta prof. dr. J. Obrtel, DrSc.
(HEMANGIOMA) (NEOPLASM RADIOTHERAPY)
(NEOPLASM REGRESSION, SPONTANEOUS)
(SURGERY, OPERATIVE)

SCHWANK, R.; MARESOVA, J.; BEK, V.; KOLAR, J.; KUCERA, M.;
SEDLACEK, J.; VRABEC, R.

On the classification, nomenclature and clinical picture of
hemangioma. (An attempt at correct classification of hemangioma).
Cesk. dermat. 38 no.2:87-95 Ap '63.

1. II dermato-venerologicka klinika fakulty vseobecneho .
lekarstvi KU v Praze, prednosta prof. dr. J. Obrtel Radiologicka
klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta
prof. dr. V. Svab Klinika plasticke chirurgie lekarske fakulty
hygienicke KU v Praze, prednosta akademik F. Burian.
(NOMENCLATURE) (HEMANGIOMA) (CLASSIFICATION)

KUCERA, Miloslav; SPOUSTA, Eduard

Polymerization of trioxane. Pt.1. Chem listy 57 no.8:842-844
Ag '63.

1. Vyzkumny ustav makromolekularni chemie, Brno.

KUCERA, M.

Dermoid cysts of the nose. Cesk. otolaryng. 13 no.2:102-111 Ap '64.

1. Usni, nosni a kroni oddeleni detske fakultni nemocnice v Brne (vedouci MUDr. M. Kucera).

KUBAT, K.; SYROVATKA, A.; KUCERA, M.

Perinatal mortality in the Czechoslovakian SSR and conditions of fetal development. *Cesk. pediat.* 19 no.9:769-774 S '64.

1. Ustav pece o matku a dite v Praze, detska propedeuticka klinika fakulty detskeho lekarstvi Karlovy University v Praze;; Ustredni urad lidove kontroly a statistiky v Praze.

KUCERA, M.D.; PESKOVA, H.

Use of a tubed flap in the filling of a residual cavity after cavernotomy. Acta chir. plast. 3 no.3:199-206 '61.

1. Clinic of Plastic Surgery, Charles University, Prague (Czechoslovakia) Director: Academician F. Burian.
(SKIN TRANSPLANTATION) (SURGERY, PLASTIC)
(PNEUMONECTOMY compl.)

KUCERA, O.

Experience with plans of technical and organizational measures for the year 1955. p. 273. Vol. 6, no. 6. 1955. PRUMYSL POTRAVIN. Praha.

Source: East European Accessions list(EEAL), LC, Vol. 5, No. 3. March 1956.

KUCERA, O.

Planning and economic evaluation of processes in technological development.
p. 170. (Prumysl Potravin, Vol. 8, No. 4, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (FEAL) IC, Vol. 6, No. 8, Aug 1957. Uncl.

KUCERA, Oskar

General analyses of the basic fund reproduction. Prum
potravin 14 no.11:561-563 N'63.

1. Statni komise pro investicni vystavbu, Praha.

KUCERA O.

Zkušenosti s dlouhodobou léčbou na dětském psychiatrickém oddělení. Experience in a children's psychiatric ward NEUROL. PSYCHIAT. CSL. 1953, 16/1-2 (105-110)
Up to now only curable cases, mostly children with neurotic symptoms and behaviour disorder, have been admitted. With longterm therapy e.g. re-education, good results are obtained.

Nový - Brno

SO: EXCERPTA MEDICA Vol. 7, No. 6, Section VIII, June 1954

KUCERA, Otakar, Dr.

Organization of children's psychiatric service. Pediat. listy, Praha
9 no.5:300-303 Sept-Oct 54.

1. Detska psychiatricka lecebna v Dolnich Pocernicich.
(PSYCHIATRY
child psychiatric serv. in Czech. organis.)

KUCERA, Otakar

Problems of diagnostic terminology in child psychiatry. Cesk. psychiat.
54 no.1:1-10 Feb 58.

1. Detska psychiatricka lecebna, Dolni Pocernice.
(CHILD PSYCHOLOGY
child psychiatry, diag. terminol. (Cs))

KUCERA, O.

Child psychiatry in Czechoslovakia. Rev. Czech. M 5 no.3:216-220 1959.

1. Child Psychiatry Sanatorium, Dolno Pocernice, Prague.
(CHILD PSYCHOLOGY)

KUCERA, Otakar

Specific dyslexia among Czech children. Cesk. psychiat. 55 no.1:14-22
Feb 59.

1. Detska psychiatricka lecebna, Dolni Pocerovice.

(READING

specific dyslexia among Czech. child. (Cs))

KUCERA, O.

Psychiatric study of delinquency in children and adolescents. Cesk.
pediat.15 no.12:1084-1088 D '60.

(JUVENILE DELINQUENCY)

KUCERA, Otakar

On present conditions of child and adolescent psychiatry. Cesk.
psychiat. 56 no.2:80-84 Ap '60.

1. Psychiatricka poradna pro deti a mladistve - KUNZ - KHV Praha.
(CHILD PSYCHOLOGY)
(ADOLESCENCE psychol.)

CERNY, Ludek; KUCERA, Otakar; STERBAKOVA, Emilie

Index card used in cataloging of psychiatric diseases of children.
Česk.psychiat.56 no.5:289-298 0'60.

1. Dětská psychiatrická léčebna v Dolních Pocerovicích. Psychiatrická
poradna pro děti a mládež, Praha 2.
(MENTAL DISORDERS)
(MEDICAL RECORDS)

KUCERA, O., MUDr.; VOJTIK, V., MUDr.

Dispensary care for children with mental disorders. Zdrav. aktuality
no.147:100-111 '61.

(MENTAL DISORDERS in inf & child) (HOSPITAL OUTPATIENT SERVICE)
(PEDIATRICS hosp & clin)

CZECHOSLOVAKIA

FISCHER, J., and KUCERA, O., [affiliation not given].

"Report on the Fifth International Child Psychiatric Congress in Scheveningen"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 3, July 63, pp 207-210.

Abstract: Report on the Congress in Scheveningen, 24 August to 30 August 1962. Czechoslovakia was represented by the two authors.

KUCERA, O.

Antisocial behavior in children. Cesk. pediat. 19 no.1:
13-20 Ja'64.

1. Psychiatricka poradna pro deti a mladistve KUNZ Stredo-
ceskeho kraje v Praze. Vedouci lekar:MUDr. O.Kucera.

*

KUCERA, O.

The fight against juvenile delinquency in Poland. Cesk. psychiat.
61 no.5:349-353 O '65.

1. Vyskumny ustav psychiatricky v Praze.

KUCERA, Ottokar

Tasks of the consultant experts in the food industry capital investments. Prum potravin 15 no. 7:319-321 J1 '64.

1. State Commission for Capital Investments, Prague.

KUCERA, P.

"Yields achieved through fertilizing with anhydrous ammonia." p. 101.

MECHANISACE ZEMEDLSTVI. (MINISTERSTVO ZEMEDLSTVI A LESNIMO HOSPODARSTVI).
Praha, Czechoslovakia, Vol. 9, no. 5, May 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

KUGERA, P.

Microhardness and mineralization of the primary bone. Folia
morph. (Praha) 13 no.4:362-371 '65.

1. Institute of Anatomy, Faculty of Medicine, Charles' Univer-
sity in Plzen.

CZECHOSLOVAKIA/Human and Animal Pathogens

F

Abs Jour : Ref Zhur Biol., No 1, 1959, 791

Author : Janicek, J., Kucera, P.

Inst : -

Title : Presence of Microbes in Muscle Tissue

Orig Pub : Veterinarstvi, 1958, 8, No 5, 165-187

Abstract : No abstract.

Card 1/1